IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) William Marsh Rice University, a University, certifies that it is the assignee of 100% of the right, title and interest in the patents and patent applications listed on the attached Appendix (TABLE 1) by virtue of assignments from the inventors of the patents and patent applications. The assignments for these patents and patent applications were recorded in the Patent and Trademark Office at the Reel and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the patents and patent applications listed on the attached Appendix (TABLE 1) and appoints the practitioners associated with:

PTO Customer Number: 26201

with full power of substitution and revocation, to prosecute the patents and patent applications listed on the attached Appendix (TABLE 1) and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the patents and patent applications listed on the attached Appendix (TABLE 1) should be sent to:

> PTO Customer Number: 26201

Direct all telephone calls to Ross Spencer Garsson, Reg. No. 38,150, at telephone number 512,472,5070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

WILLIAM MARSH RICE UNIVERSITY

Date: 5 21 07

By: Nila Bhakuni

Title: Director, Office of Technology Transfer

1102009-Ldoc

Mafter No	Status	Serial No	Filing Dat	le Assignment	Serial No Filling Date Assignment Fi Assignment Notes	inventors	Assignee
21753-010004	21783-010204 ALLOWED 10327,405 20-Dec-02	10/327,405	20-Dec-02	15-Feb-07	INVENTORS: SMALLEY, HAFNER, COLBERT, SMATH, ASSIGNANG TO, WELLAM MARSH RICE UNVERSITY, REC DATE 02/18/2007, FIEEL 018991, FRAME, 0822.	Richard E. Straßey, Jaser H. Hefner, Dernel T. WILLIAM MANSH Coftent, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21763-012004		ALLOWED 10084,745	28-Dep-01	OB-May-03	Inventors to william marsh fice univ. Pec Serts, Rf dignaptoris	Filtrard E. Snaidey, Darlet Y. Cothert, Fronzes Dei, Jee Lu, Ardfow G. Finzie, Jason H. Patner, Keeredt A. Smith, Ting Gua, Favei Nikoleov, Articas Thess	WILLIAM MARISH RICE UNIVERSITY
21753-010002	ISSUED	10324,861	10:324,881 20-Dis-02	16-Feb-07	SMATH, ASSIGNING TO WILLIAM MARSH RICE (MAYERSER) RECE. 018891, FRAME 0800. TO ATE 02H5/6007, REEL. 018891, FRAME 0800.	Retend E. Smaley, Jason H. Hafner, Daniel T. Collent, Ken Smith	WILLIAM MARSH RIOE UNIVERSITY
21753-010003	dansa	10/324,927	20-Dec-02	15-Feb-07	SMITH, ASSISTANT IC VALLAN MARCH PAGE UNIVERSITY, REC DATE 02/15/2007, REEL 0/1869/. RAME 08/20.	Richard E. Smalley, Jeson H. Halner, Daniel T. Cobert, Ken Smith	WILLIAM MARSH RICE UNIVERSITY
21753-010US1 ISSUED	1 ISSUED	09/787,582	16-Mar-01	15-Fab-07	SMITH, ASSISTANTATO: WILLIAM MARSH HAZE- UNIVERSITY, REC DATE 02/15/2007, PEEL. 018891, FRAME 0892.	Retard E. Smalley, Jason H. Hafnar, Daniel T. Colbert, Ken Smith	WILLIAM MARSH PACE UNIVERSITY
21753-036001	GSUED	10/300,136	20-Nov-02	24-Jun-03	BVVENTORS TORICE U.; HEC. 06/24/03, P/F 01-13/25/0230	Pohard E. Smalley, Hobert M. Hauge	WILLIAM MARISH RICE UNIVERSITY
21753-015007	PENDING	PENDING 11/108.520 21-Apr-08	21-Apr-06	22: Aug-06	Inventors to Rice, Rec. 08/21/08, RVF 0:8148/0387	John L. Margrave, Edward T. Michellson. Fobert Hague, Peter Boxi, Chod Huffmen, Jie Liu, Bishaud E. Smaffoy, Ken Smith, Davket T. Colbert	WILLIAM MARSH HICE UNIVERSITY
21753-011015		PUBLISHELL 17020,727	22-Dec-04	05-Feb-07	INV OOLBERT, DAI, HAFNER, RINZLER, SAALLEY, JUL, SMITH, GIAC), NIKOLAEY, AND THESS ASSIGNING TO WILLIAM MARSH RICE UNIVERSITY, ZEZZOO, REEL, CISBEA FRAME: 0684	Daniel T. Colbat, Horgie Dal, Jason H. Hahrer. Andrew G. Rinzler, Richard E. Smalley, Jie Liu, Kennath A. Smith, Ting Guo, Pavei Nikolaev. Andreas Thess	WILLIAM MARSH RICE UNIVERSITY
21753-013014		PUBLISHEH (0/033.028	28-Dec-01	OS-May-C3	INVENTORS TO WILLIAM MARSH RICE (INIV.). REC. SISKS, RK 0140470313	Dai, Jie Lib. Andrew G. Phirzber, Jesson M. Hainer, Kerneth A. Smith, Ting Gud, Pavel Nikosaov, Andreas Thess	WILLIAM MARSH FICE UNIVERSITY
21755-014001		PUBLISHEROWSSS,985	23-Aug-01	27-Nov-01	Inventors to Rice Univ. Rec 0125/02, RJF 0128650439	Fichest E. Smalley, Daniel T. Colbert, Ken A. Smith, ARCHAEL, O'CONNELL.	WILLIAM MARSH RICE UNIVERSITY
21752-432001	PUBUSHE 10:187.729	10/167.729	02-314-02	22-Sep-03	INVENTORS TO RICE UNIVERSITY AND TO GEORGIA TECH RESEARCH CORP.; REC., 08/2010, PF 01/8/69/086.	Helelard E. Smakley, Hapesh Kumar Saini. Pamnesh Smakley, Rebeet H. Herges, Velgira, A GEORGIA TECH David, Aldison Praguasi, Late M. Herges, Smiles PEESRROH Numar, Steekursen Thaligit Verges	GEORGIA TECH RESEARCH CORPORATION
27752-W2001		PUBLISHER (DIRECT28)	02-44-02 00-481-03	20-Sep-08	INVESTIGNS TO RICE UNIVERSITY AND TO GEOPHOLA TECHNOLACOMP. PEC. POLYZOLA, PAT 0.44GR000358. FOUNDATION FOR DIELL' FEC. 1011-4023, PFF 0.14GR20199	Rethand E. Struadery, Fallyeah Vormer Stanct Durich, Mattoo Polygood, Lank M. Efficient. Sellies WILLEAM MART-Birth Durich, Mattoo Polygood, Lank M. Efficient. Sellies WILLEAM MART-Birth Durich, Mattoo Polygood, Lank M. Erichest Williams Carter Kingell, Barnesso Stemaçan, Adazayek S. WILLEAM MART-Birth Struatu, Stempol M. Barnesso Stemaçan, Adazayek S. WILLEAM MART-Birth Struatu, Stempol M. Barnesso, Struada, Adazayek S.	WYLIAM MARSH HICE LAWERSTY WYLIAM MARSH RICE UNIVERSIY